

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085127.D
 Acq On : 2 Mar 2016 18:55
 Operator : SJ/IZ
 Sample : H1640-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Mar 03 04:14:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	154648	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	648791	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	294992	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	508678	20.00	ng	0.00
75) Chrysene-d12	14.15	240	340951	20.00	ng	0.00
86) Perylene-d12	15.64	264	382798	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	664231	69.73	ng	0.01
7) Phenol-d6	6.61	99	521460	41.76	ng	0.00
23) Nitrobenzene-d5	7.56	82	1186212	97.27	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	500888	168.96	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1742904	87.02	ng	0.00
78) Terphenyl-d14	13.10	244	1500136	103.21	ng	0.00

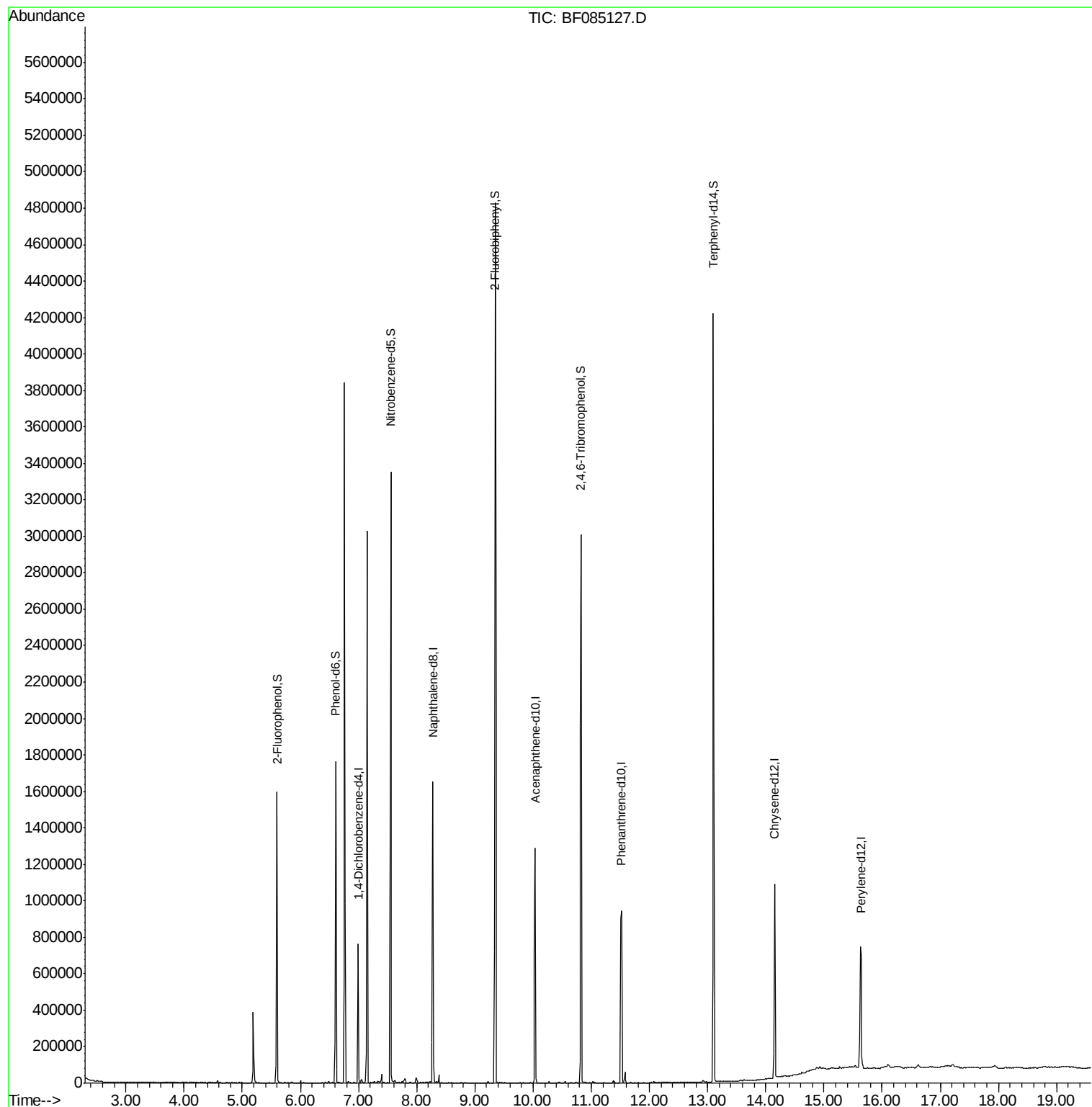
Target Compounds	Qvalue
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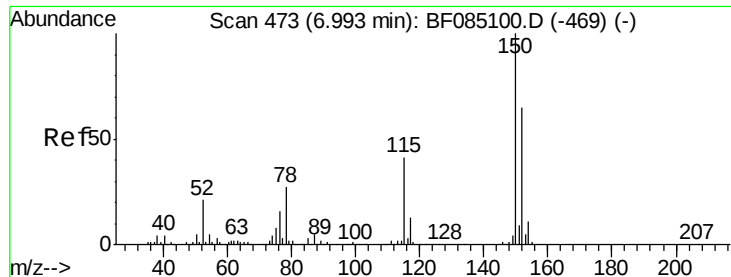
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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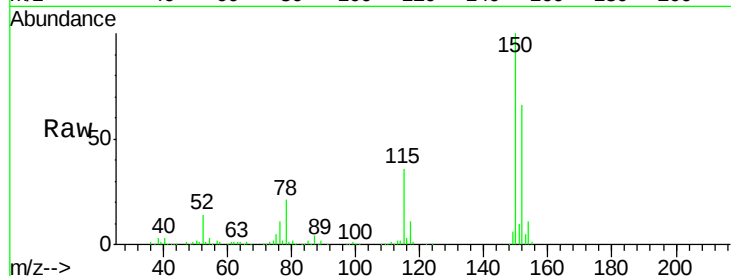


#1

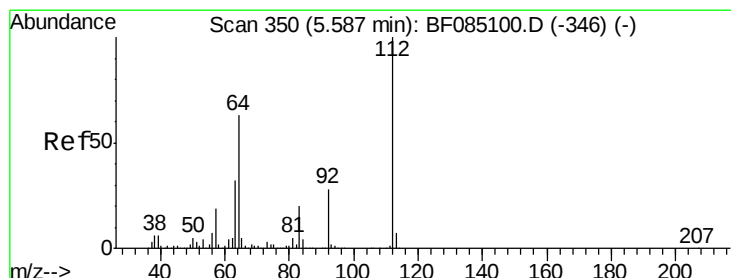
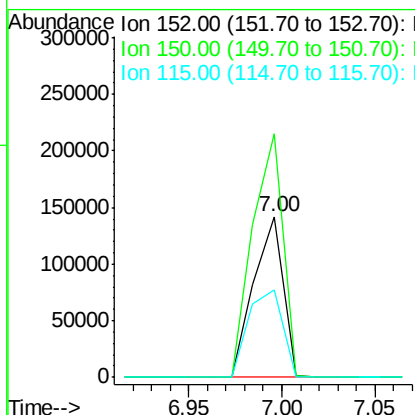
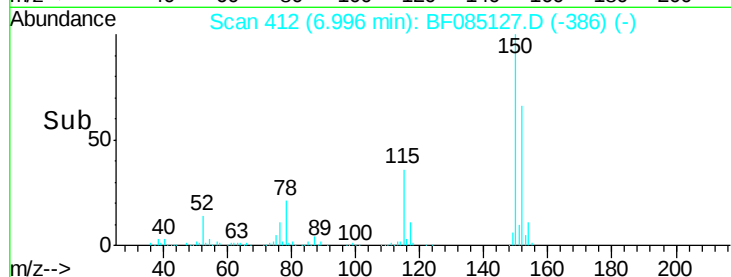
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF085127.D
 Acq: 2 Mar 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tgt Ion:152 Resp: 154648
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.4 185.0
 115 54.5 50.0 75.0



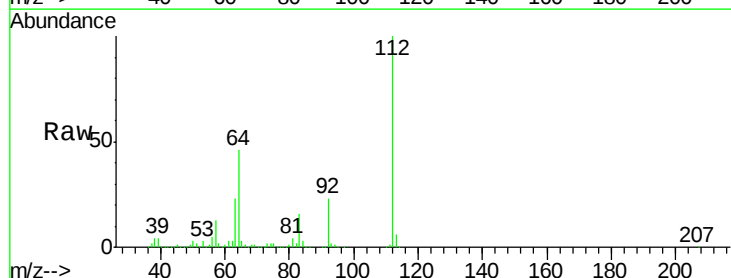
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



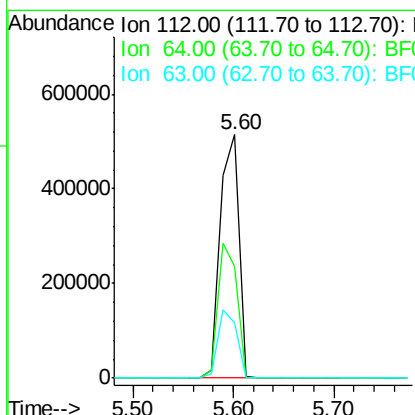
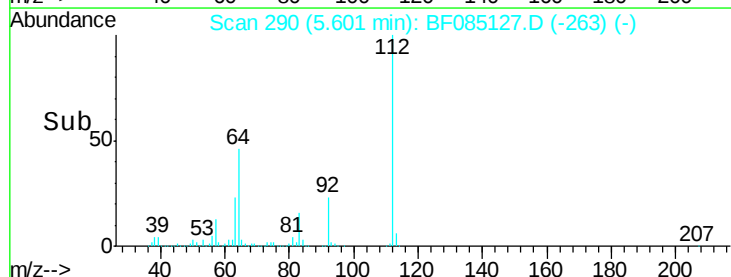
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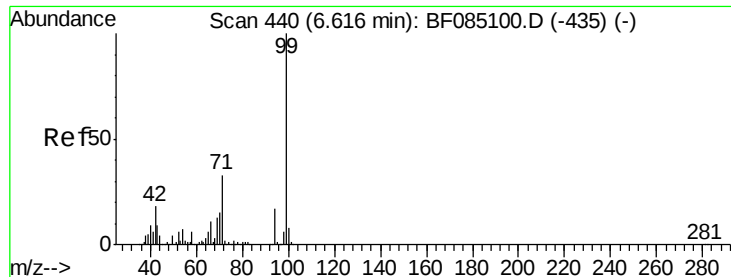
2-Fluorophenol
 Concen: 69.73 ng
 RT: 5.60 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF085127.D
 Acq: 2 Mar 2016 18:55

Tgt Ion:112 Resp: 664231
 Ion Ratio Lower Upper
 112 100
 64 45.8 50.6 76.0#
 63 22.8 25.5 38.3#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.76 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085127.D

Acq: 2 Mar 2016 18:55

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

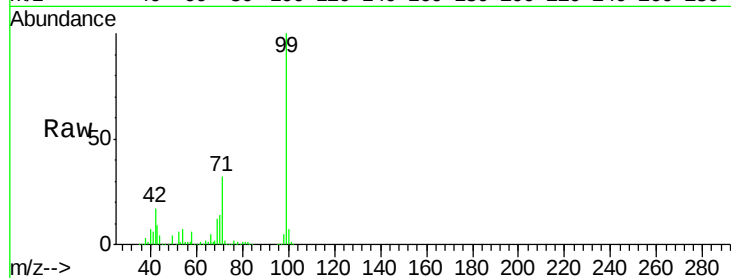
Tgt Ion: 99 Resp: 521460

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

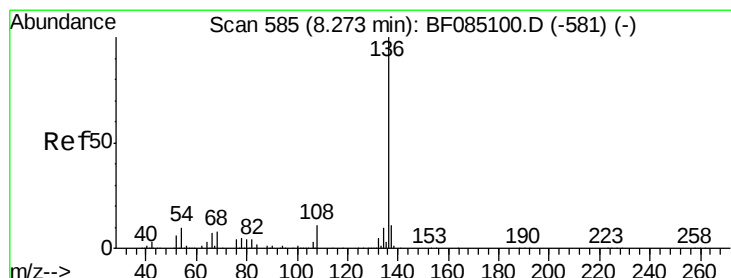
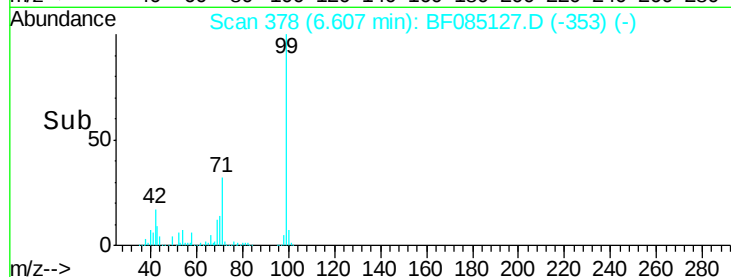
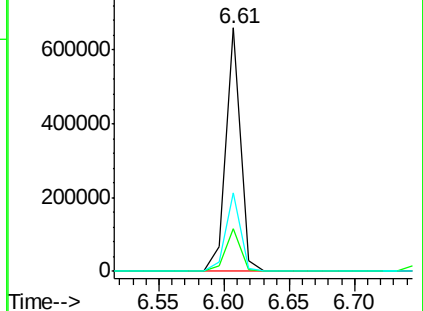
71 32.5 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085127.D

Acq: 2 Mar 2016 18:55

Tgt Ion: 136 Resp: 648791

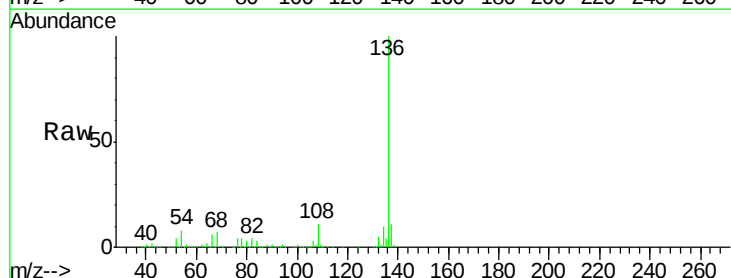
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.3 8.5 12.7#

68 6.6 6.4 9.6

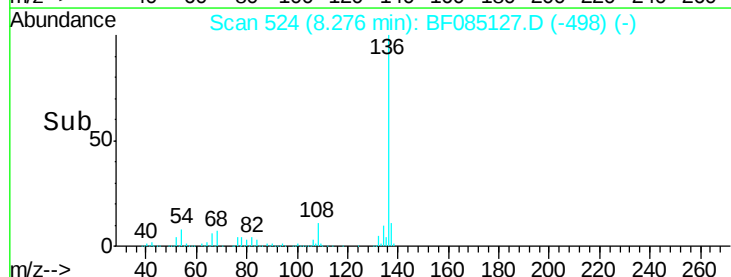
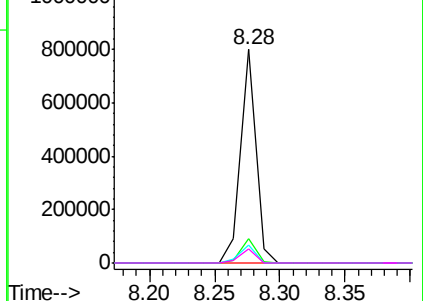


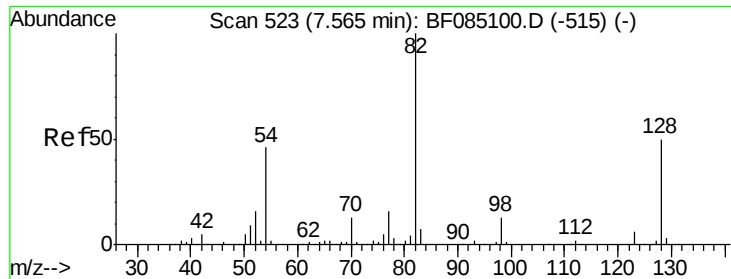
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

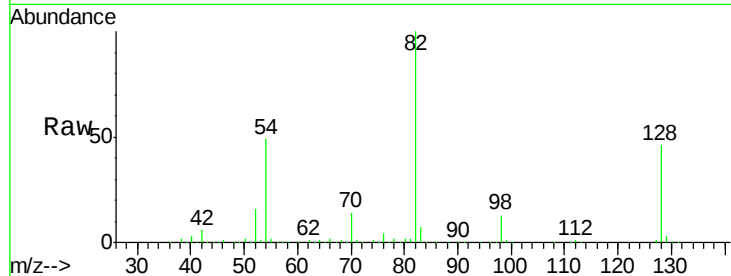




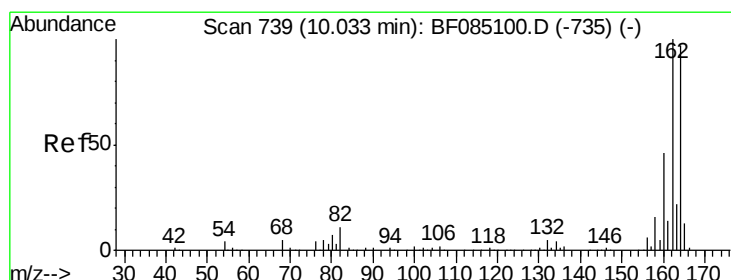
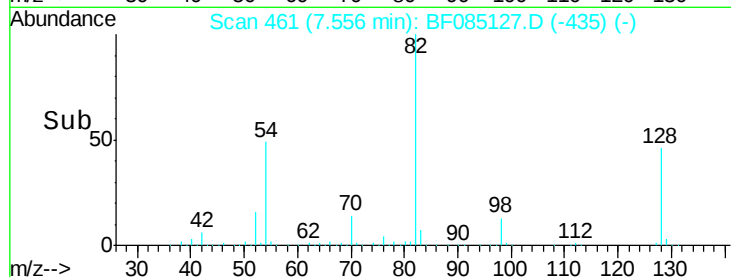
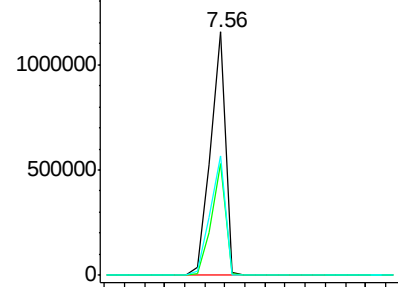
#23
 Nitrobenzene-d5
 Concen: 97.27 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085127.D
 Acq: 2 Mar 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 1186212
 Ion Ratio Lower Upper
 82 100
 128 45.7 39.8 59.6
 54 49.3 36.6 54.8

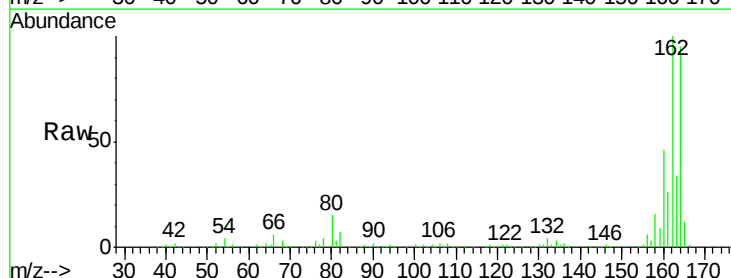


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

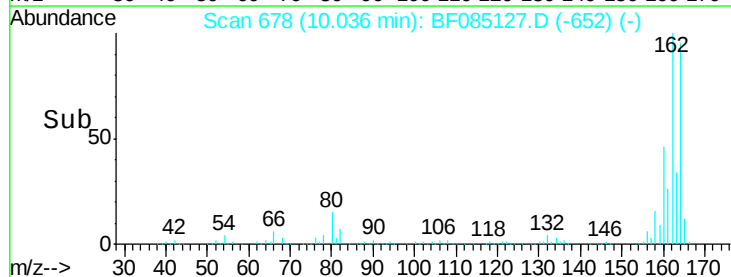
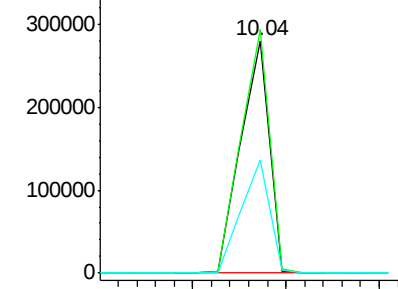


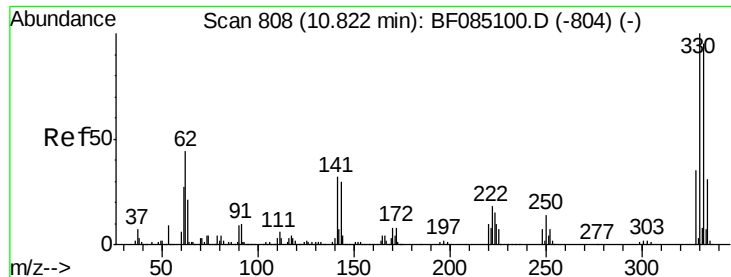
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF085127.D
 Acq: 2 Mar 2016 18:55

Tgt Ion: 164 Resp: 294992
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 48.6 38.2 57.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

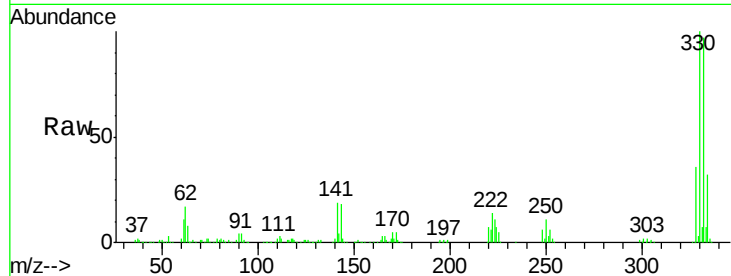




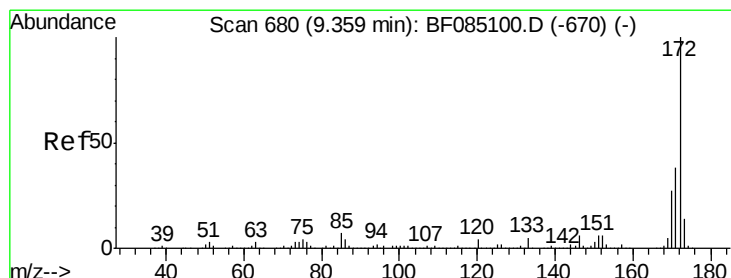
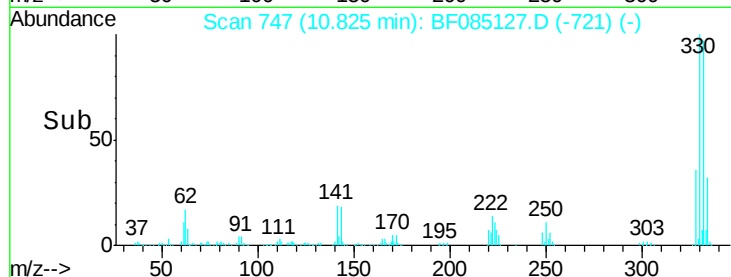
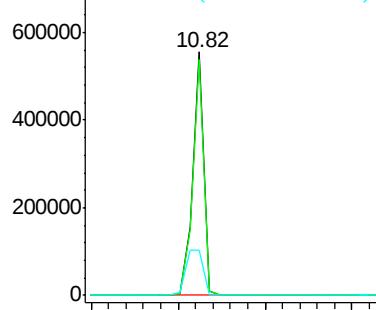
#41
 2,4,6-Tribromophenol
 Concen: 168.96 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085127.D
 Acq: 2 Mar 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 500888
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.9 113.9
 141 29.3 28.9 43.3

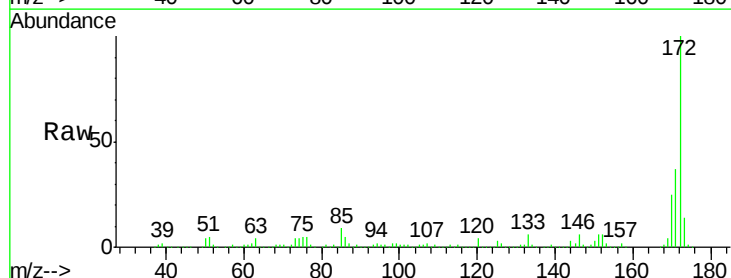


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

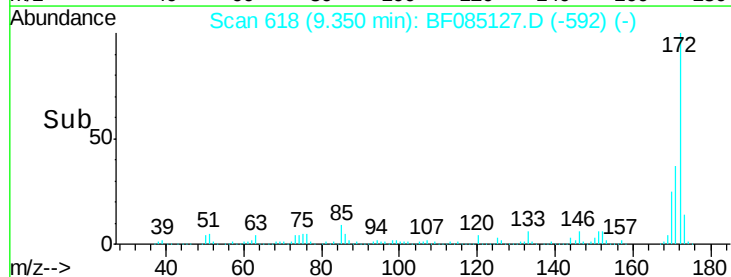
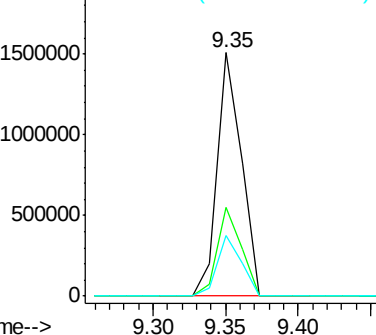


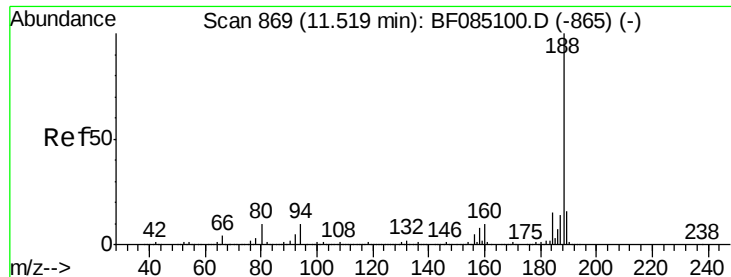
#44
 2-Fluorobiphenyl
 Concen: 87.02 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085127.D
 Acq: 2 Mar 2016 18:55

Tgt Ion:172 Resp: 1742904
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 25.0 21.2 31.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

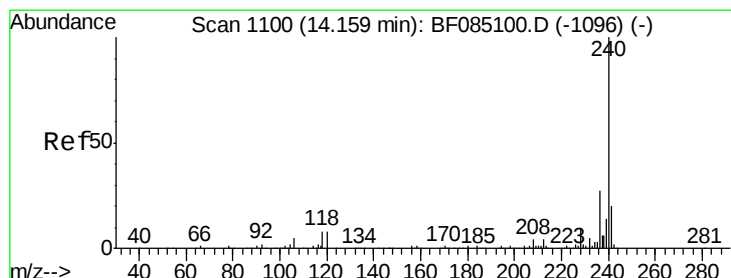
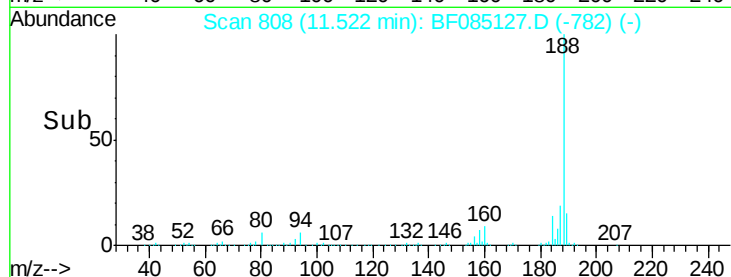
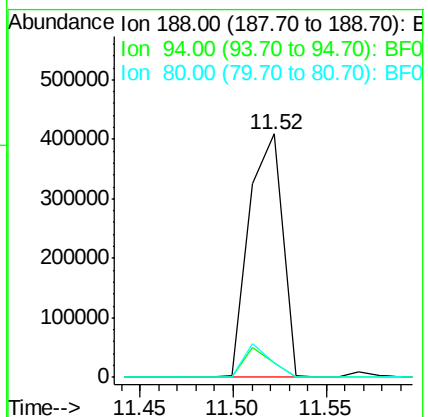
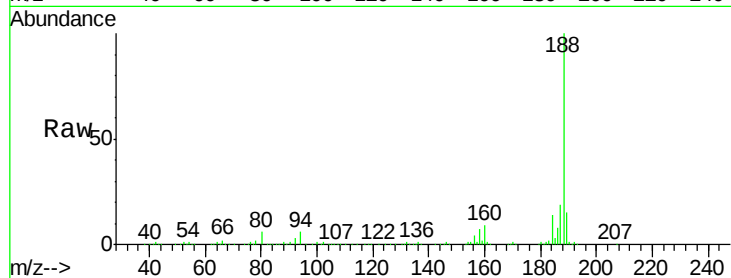




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF085127.D
Acq: 2 Mar 2016 18:55

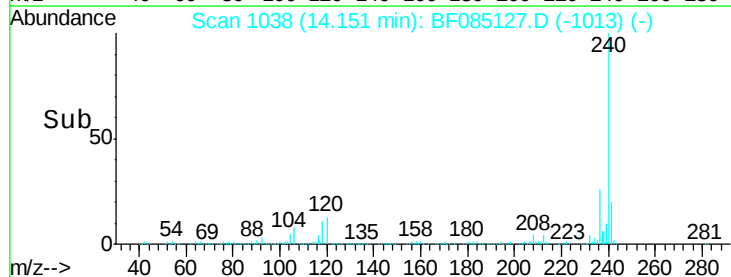
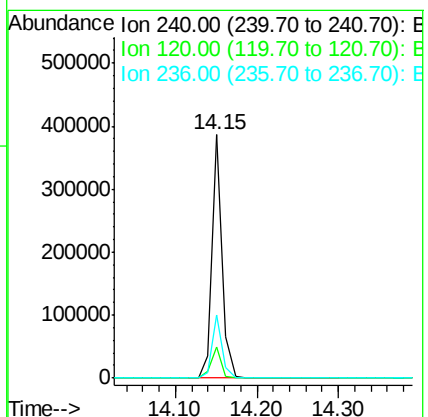
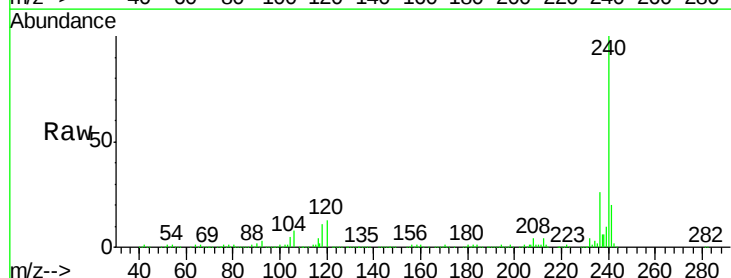
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ClientSampleId :
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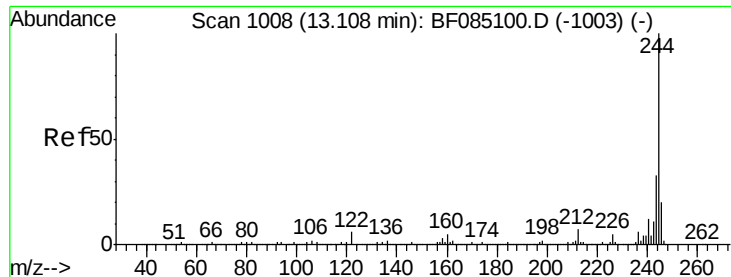
Tgt Ion:188 Resp: 508678
Ion Ratio Lower Upper
188 100
94 6.1 7.8 11.6#
80 6.0 8.2 12.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085127.D
Acq: 2 Mar 2016 18:55

Tgt Ion:240 Resp: 340951
Ion Ratio Lower Upper
240 100
120 12.8 6.7 10.1#
236 26.1 21.6 32.4

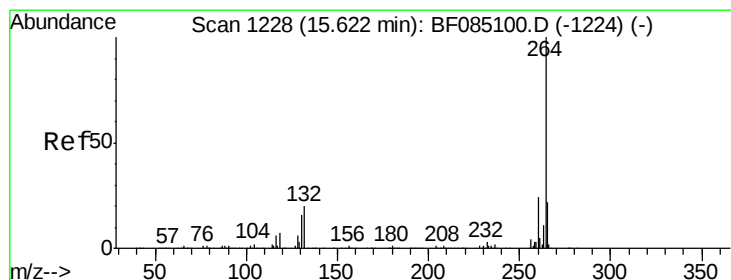
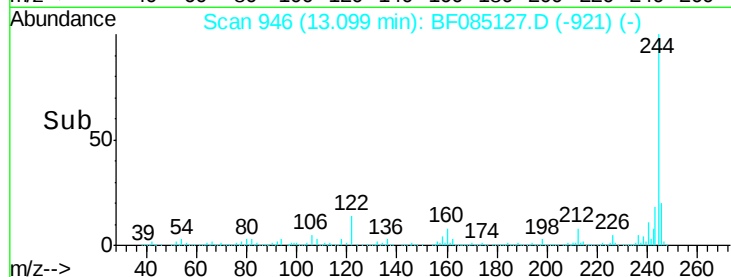
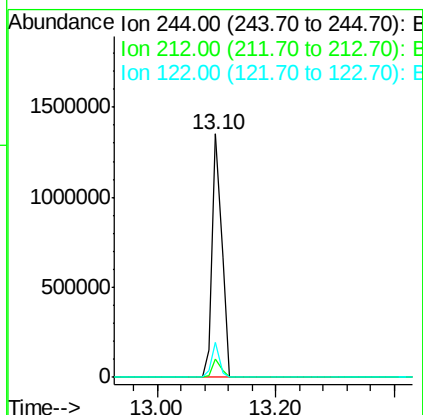
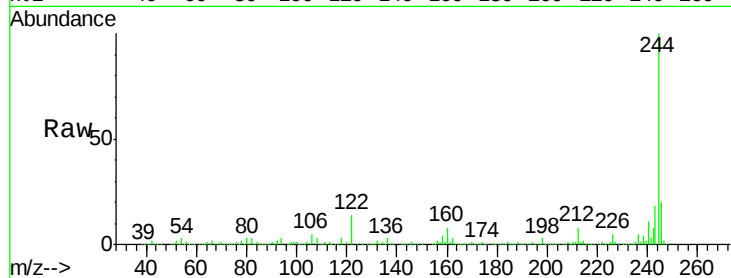




#78
 Terphenyl-d14
 Concen: 103.21 ng
 RT: 13.10 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF085127.D
 Acq: 2 Mar 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tgt Ion:244 Resp: 1500136
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.0
 122 14.4 5.1 7.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF085127.D
 Acq: 2 Mar 2016 18:55

Tgt Ion:264 Resp: 382798
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.1 17.4 26.2

